

## Residential and Small Commercial Standard Offer Service Consumer Information about Your Electricity Supply June 2011

You currently receive Standard Offer electricity service. Maine Public Service *delivers* this service, but the actual power is supplied by:

### New Brunswick Power Generation Corporation

This fact sheet provides consumer information about the price, power sources and air emissions of Standard Offer electricity service. Electricity suppliers in Maine that serve residential and small commercial consumers must, by law, provide these fact sheets, or “uniform disclosure labels from time to time, to educate consumers about their electricity.

#### Price:

**7.300 cents per kilowatt-hour**

*(Note: This relates to supply only. MPS charges separately for delivery service.)*

#### This price is effective:

**March 1, 2011 – February 28<sup>th</sup>, 2014**

#### Power Sources

Standard Offer Service is supplied with power generated using the following mix of resources:

#### Resources that meet Maine’s efficiency or renewable standards:

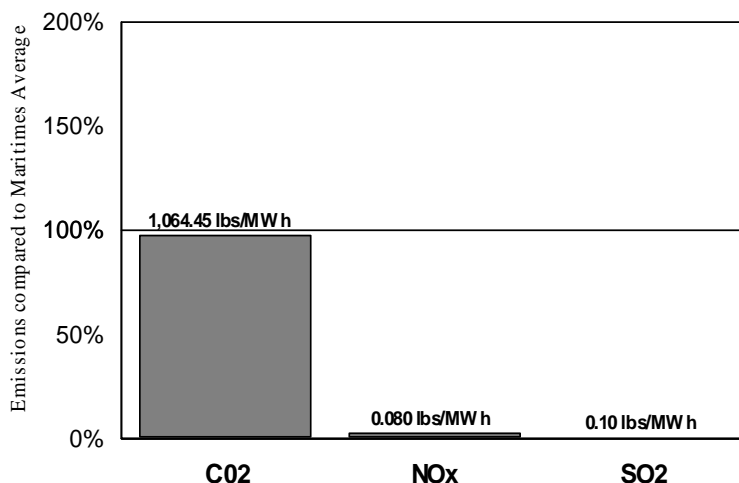
Hydro	31.62%
Biomass	30.08%
Municipal Trash	0.37%
Wind	2.55%

#### Other resources:

Nuclear	13.07%
Natural Gas	17.17%
Coal	4.30%
Oil	0.84%
<b>Total:</b>	<b>100.0%</b>

#### Air Emissions

This graph displays relative emissions from Standard Offer Service power sources compared to the average emissions from all Maritimes power sources



#### Additional Information

**Power Sources:** The actual electricity you use will be indistinguishable from the electricity used by your friends and neighbors. This is unavoidable because everyone is served through the same transmission and distribution system. The power sources label cannot tell you about the electricity that you use in your home; instead, it tells you that your dollars are going to pay for particular power plants. Since it is impossible to track the flow of electricity on the grid, however, there is no way to identify the actual power plant that produced the electricity you consume. But it is possible to track the dollars you pay to particular power plants. Your electricity dollars will support electricity generation from various energy resources in the proportions listed on the power content label.

**Emissions:** Emissions for each of the following pollutants are presented as a percent of the regional average emission rate. Carbon Dioxide (CO<sub>2</sub>) is released when certain fuels are burned. It is considered a major greenhouse gas and a major contributor to global warming. Nitrogen Oxides (NO<sub>x</sub>) form when certain fuels are burned at high temperatures. They are considered contributors to acid rain and ground-level ozone (or smog). Sulfur Dioxide (SO<sub>2</sub>) is formed when fuels containing sulfur are burned. Major health effects associated with SO<sub>2</sub> include asthma, respiratory illness and aggravation of existing cardiovascular disease. The production of electricity can produce harmful emissions and have other environmental impacts. Environmental impacts differ among different power plants.

**Please contact New Brunswick Power Generation Corporation at 1-888-415-5055 or the Maine Public Utilities Commission at 1-800-452-4699 with questions or for further information**